CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC 087 0000		
DEPARTMENT	Public Works		
DEPARTMENT CONTACT	Dave Snider		

PROJECT	SILVER SPURS FLOOD REDUCTION			
TITLE				
PROJECT	6139 130th Avenue NE	PROJECT S	TART	PROJECT STATUS
LOCATION		2018		Existing Project

DESCRIPTION/JUSTIFICATION

A phased approach to evaluate alternatives and design and construct the preferred alternative to reduce future flooding. The first phase of this project involves an alternatives analysis to determine the best solution to prevent future flooding. One potential alternative was already eliminated because of downstream capacity concerns. Other options include the following: A) Add more infiltration in right-of-way (ROW) or increase the size of the existing facility to maximum extent. Infiltration added in ROW shall be bioinfiltration swales, or equivalent. B) Utilize deep infiltration, such as a underground injection control (UIC) well, for high flow bypass. Deep infiltration shall be located in ROW, with a high flow bypass pipe leading from the dry well to the UIC well.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	PRIOR YEAR(S) BUDGET TO ACTUALS		METHOD OF FINANCING (%)		
Surface Water Master Plan			Current Revenue	100 %	
			Reserve	0 %	
COUNCIL GOALS	Budget	\$77,000	Grants	0 %	
	Actual		Other Sources	0 %	
Environment	Balance		Debt	0 %	
Dependable Infrastructure			Unfunded	0 %	

CAPITAL COSTS	Prior Year(s)	2019	2020	2021	2022	2023	2024	2019-2024 TOTAL	Future Year(s)	Total Project
Planning/Design/ Engineering	14,000	0	0	0	0	0	0	0	0	14,000
In-House Professional Svcs.	7,000	0	0	0	0	0	0	0	0	7,000
Land Acquisition	10,000	0	0	0	0	0	0	0	0	10,000
Construction	46,000	0	0	0	0	0	0	0	0	46,000
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	77,000	0	0	0	0	0	0	0	0	77,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.
Community economic impacts	None anticipated.
Health and safety, environmental, aesthetic, or social effects	Improvements to surface water quality will have a significantly positive environmental effect.
Responds to an urgent need or opportunity	This project is identified as a high priority in the Surface Water Master Plan.
Feasibility, including public support and project readiness	During the design development, community involvement will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Projects will be designed and constructed per professional and legal guidelines.
Responds to state and/or federal mandate	Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.
Benefits to other capital projects	N/A
Implications of deferring the project	Continued degradation of surface water.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: South Rose Hill Is there a specific reference to this project or land use in the immediate vicinity? No How does the project conform to such references? Attachment (Specify)
LEVEL OF SERVICE IMPACT	 ✓ Project provides no new capacity (repair, replacement or renovation). □ Project provides new capacity. Amount of new capacity provided: □ Project assists in meeting/maintaining adopted level of service. □ Project required to meet concurrency standards.